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UNITED STATES DEPARTMENT OF AGRICULTURE

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

JANUARY 1936

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

- 62. Montell & Co., 105 Muir Street, Cambridge, Md.
- †101. Delham Food Products Co., Inc., 264 Third Street, Cambridge, Mass.
- *922. Acme Provision Co., Commonwealth Avenue Extended, Bristol, Va.
- †957. Joel E. Harrell & Son, R. F. D. No. 1, Suffolk, Va.

Change of Name of Official Establishment

- 93. L. D. & H. G. Shonyo, Inc., Lydonville, Vt., instead of L. D. & H. G. Shonyo.
- 452. Kingan & Co., Inc., Storm Lake, Iowa, and Storm Lake Packing Co., instead of Storm Lake Packing Co.

Meat Inspection Extended

- 222-A. Armour & Co., Texarkana, Tex., to include Jacob E. Decker & Sons Sales Co.

Change of Official in Charge

Carl G. Potts succeeds Thomas H. Bartilson as acting in charge of Animal Husbandry Investigations, National Agricultural Research Center, Beltsville Md.

Change of Address of Official in Charge

- Dr. Roy Avant, P. O. drawer 3, Tuscaloosa, Ala., instead of P. O. box 254.
- Dr. C. N. McBryde, P. O. box 70, Ames, Iowa, instead of P. O. box 177.

New Station

Bristol, Va., meat inspection, Dr. J. A. Sluss, care Acme Provision Co., in charge.

New Substations

Suffolk, Va., meat inspection, under Norfolk, Va.
 Chillicothe, Ohio, enforcement Packers and Stockyards Act, under Cincinnati, Ohio.
 Savannah, Ga., enforcement Packers and Stockyards Act, under Montgomery, Ala.
 Selma, Ala., enforcement Packers and Stockyards Act, under Montgomery, Ala.
 St. Johns, Mich., enforcement Packers and Stockyards Act, under Buffalo, N. Y.

Note

On pages 30 and 43 of the directory, remove mail address, 126-128 Attorney Street, from establishment 999, European Kosher Provision Manufacturing Co., New York, N. Y.

On pages 16 and 37 of the directory, the address of establishment 3-AD, Swift & Co., should be 230-232 West Michigan Street, instead of 230-232 East Michigan Street.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, DECEMBER 1935 ¹

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	9,061	(²)	(²)	-----	(²)
Chicago.....	123,806	28,819	194,821	-----	407,374
Cincinnati.....	12,265	6,332	(²)	-----	43,410
Cleveland.....	(²)	(²)	(²)	-----	28,856
Denver.....	13,210	3,318	16,161	-----	16,104
Kansas City.....	63,870	34,541	68,097	-----	118,315
Milwaukee.....	19,612	45,358	(²)	-----	(²)
National Stock Yards.....	74,022	(²)	(²)	-----	171,555
New York.....	26,852	52,909	215,384	-----	(²)
Omaha.....	66,319	9,236	86,660	-----	85,160
Philadelphia.....	6,909	6,367	12,850	-----	(²)
Sioux City.....	42,175	5,157	81,681	-----	61,793
South St. Paul.....	54,398	44,864	72,092	-----	131,469
All other stations.....	379,674	243,977	620,908	16,818	1,810,819
Total:					
December 1935.....	892,173	480,878	1,368,654	16,818	2,874,855
December 1934.....	1,076,426	494,318	1,298,246	554	4,196,894
12 months ended—					
December 1935.....	9,852,523	5,718,757	17,644,188	50,720	26,057,627
December 1934.....	13,276,656	7,454,201	17,411,896	98,207	43,876,393
New York, Brooklyn, Jersey City, and Newark ³	37,716	64,593	264,249	-----	181,251

¹ Horses slaughtered:

December 1935.....	1,553
December 1934.....	1,546
12 months ended—	
December 1935.....	17,882
December 1934.....	19,662

² Included in "All other stations."

³ The slaughter figures in this group of cities are included in the figures above for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspection of lard at all establishments, 72,864,637 inspection pounds; compound and other substitutes, 42,638,366 inspection pounds; sausage, 59,607,955 inspection pounds; oleomargarine, 7,647,982 inspection pounds.

Corresponding inspections for December 1934: Lard, 113,992,178 inspection pounds; compound and other substitutes, 41,318,871 inspection pounds; sausage, 57,485,559 inspection pounds; oleomargarine, 9,532,716 inspection pounds.

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, DECEMBER 1935

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December 1935, with figures for other periods for comparison.

Imports of food animals

Country of origin	Cattle	Swine	Sheep	Goats
Mexico.....	21,622	421		
Canada.....	2,367	4,041	209	1
Virgin Islands (to Puerto Rico).....	428	25		
Total:				
December 1935.....	24,417	4,487	209	1
December 1934.....	9,172	8	110	
12 months ended—				
December 1935.....	418,457	15,551	19,095	47
December 1934.....	69,149	137	3,235	27

Imports of meats and meat food products

Country of origin	Chilled and frozen fresh meats ¹		Canned and cured	Other products	Total
	Beef	Other			
	Pounds	Pounds	Pounds	Pounds	Pounds
Argentina.....			2,524,636	2,224,574	4,749,210
Australia.....	8,991	3,394		107,702	120,087
Brazil.....			1,363,356	383,896	1,747,252
Canada.....	200,256	201,378	49,198	482,252	933,084
New Zealand.....	3,131	1,896		213,836	218,863
Paraguay.....			203,383		203,383
Uruguay.....			3,886,891		3,886,891
Other countries.....	2,540		1,202,158	162,702	1,367,400
Total.....	214,918	206,668	9,229,622	3,574,962	13,226,170

¹ Condemned in December 1935: Beef, 80,893 pounds; pork, 9,587 pounds; total, 90,480 pounds. Refused entry: Beef, 168 pounds; pork, 57,277 pounds; total, 57,445 pounds.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER 1935

State or Territory	Tuberculin tests during month		Total to date						Inspector in charge	State official
	Cattle tested	Cat- tle re- acted	Modi- fied ac- credited counties		Once- tested- free herds	Ac- cred- ited herds	Herds under super- vision			
			No.	Pct.						
Ala.	6,834	50	67	100	270,734	124	270,858	R. E. Jackson...	I. S. McAdory, Auburn.	
Ariz.	12,156	3	14	100	12,236	3	12,593	F. L. Schneider...	C. T. Guilfoyle, Phoenix.	
Ark.	3,011	9	75	100	248,718	2	248,723	A. W. Rice.....	C. D. Stubbs, Little Rock.	
Calif.	119,824	6,242	7	12	51,610	81	108,677	W. E. Howe....	C. U. Duckworth, Sacra- mento.	
Colo.	1,679	1	63	100	60,604	15	60,838	A. H. Francis...	R. M. Gow, Denver.	
Conn.	23,244	495	5	63	5,836	12,646	20,425	R. L. Smith....	Edwin R. Dimock, Hart- ford.	
Del.	2,357	5	3	100	5,312	2,257	7,641	E. B. Simonds..	Ralph C. Wilson, Dover.	
D. C.	0	0	1	100	45	2	47	A. E. Wight....		
Fla.	7,226	30	67	100	39,862	75	39,937	T. W. Cole.....	J. V. Knapp, Tallahassee.	
Ga.	2,552	1	159	100	241,714	44	241,758	A. L. Hirleman...	Tom Linder, Atlanta.	
Idaho	1,980	8	44	100	51,198	30	51,270	John T. Dallas..	Thomas W. White, Boise.	
Ill.	84,893	253	102	100	231,378	5,757	241,604	J. J. Lintner...	J. P. Stout, Springfield.	
Ind.	33,388	77	92	100	182,541	1,047	187,397	H. Busman.....	J. L. Axby, Indianapolis.	
Iowa	123,225	573	99	100	169,600	560	196,660	J. A. Barger....	H. A. Seidell, Des Moines.	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, DECEMBER 1935—Continued

State or Territory	Tuberculin tests during month		Total to date						Inspector in charge	State official
	Cattle tested	Cat-tle re-acted	Modi-fied ac-credited counties		Once-tested-free herds	Ac-credited herds	Herds under super-vision			
			No. ¹	Pct.						
Kans.....	3,347	9	105	100	170,358	608	171,032	N. L. Townsend..	J. H. Mercer, Topeka.	
Ky.....	3,284	9	120	100	163,647	30	163,687	W. F. Biles.....	D. E. Westmorland, Frankfort.	
La.....	5,274	48	64	100	147,944	7	148,737	W. A. McDonald	E. P. Flower, Baton Rouge.	
Maine...	7,444	10	16	100	43,109	616	43,817	W. C. Dending-ger.	H. M. Tucker, Augusta.	
Md.....	22,373	136	9	39	26,173	14,713	53,280	E. B. Simonds..	Mark Welsh, Baltimore.	
Mass.....	23,222	174	14	100	13,138	11,300	25,100	E. A. Crossman..	C. F. Riordan, Boston.	
Mich.....	50,740	73	83	100	206,933	64	207,087	T. S. Rich.....	C. H. Clark, Lansing.	
Minn.....	38,707	150	87	100	197,900	1,466	200,591	W. J. Fretz.....	C. E. Cotton, St. Paul.	
Miss.....	108,531	200	82	100	258,854	14	259,313	H. Robbins.....	Charles E. O'Neal, Jack-son.	
Mo.....	1,968	2	114	100	237,592	178	239,697	Ralph Graham..	Hugh E. Curry, Jeffer-son City.	
Mont....	10,669	19	56	100	72,197	96	72,375	J. W. Murdoch..	W. J. Butler, Helena.	
Nebr.....	422,529	1,494	59	63	86,898	37	87,009	J. O. Wilson....	J. S. Anderson, Lincoln.	
Nev.....	9,883	37	17	100	3,437	6	3,441	R. A. Given.....	Edward Records, Reno.	
N. H.....	17,730	72	10	100	168	17,525	17,706	E. A. Crossman..	A. L. Felker, Concord.	
N. J.....	15,743	135	16	29	4,496	16,500	21,300	J. R. Porteus...	J. H. McNeil, Trenton.	
N. Mex..	1,831	8	31	100	22,104	8	25,450	F. L. Schneider.	W. A. Naylor, Albuquer-que.	
N. Y.....	134,599	1,231	32	52	32,113	121,967	158,875	H. B. Leonard..	E. T. Faulder, Albany.	
N. C.....	1,730	2	100	100	256,325	264	256,589	A. A. Husman...	William Moore, Raleigh.	
N. Dak..	4,895	31	53	100	76,143	5,172	88,632	H. H. Cohenour.	T. O. Bradenburg, Bis-marek.	
Ohio.....	29,829	72	88	100	261,750	420	263,289	A. J. De Fosset.	F. A. Zimmer, Colum-bus.	
Okla.....	62,591	114	77	100	276,338	100	276,440	L. J. Allen.....	C. C. Hisel, Oklahoma City.	
Oreg.....	6,200	50	36	100	116,550	1,524	118,112	S. B. Foster.....	W. H. Lytle, Salem.	
Pa.....	86,631	839	59	88	144,394	8,459	183,233	J. B. Reidy.....	H. M. Kalodner, Harris-burg.	
R. I.....	4,894	75	3	60	1,891	1,168	3,523	E. A. Crossman..	Patrick P. Cullen, Provi-dence.	
S. C.....	960	0	46	100	70,042	107	70,152	W. K. Lewis....	W. K. Lewis, Columbia.	
S. Dak...	71,126	459	19	28	46,338	295	52,792	C. H. Hays.....	T. H. Ruth, Pierre.	
Tenn.....	1,768	5	95	100	294,768	26	294,825	H. L. Fry.....	A. C. Topmiller, Nash-ville.	
Tex.....	338,137	95	237	93	465,928	141	527,108	H. L. Darby....	T. O. Booth, Fort Worth.	
Utah.....	4,556	27	29	100	44,939	127	45,212	F. E. Murray...	W. H. Hendricks, Salt Lake City.	
Va.....	4,337	4	100	100	198,414	609	199,291	R. E. Brook-bank	H. C. Givens, Rich-mond.	
Vt.....	20,732	32	26	43	7,901	16,322	24,270	L. H. Adams...	Edward H. Jones, Mont-pelier.	
Wash.....	23,677	83	39	100	71,891	57	76,475	J. C. Exline....	Robert Prior, Olympia.	
W. Va...	1,394	2	55	100	112,762	580	114,570	H. M. Newton..	J. B. McLaughlin, Charleston.	
Wis.....	43,634	35	71	100	184,889	9,379	194,898	J. S. Healy.....	Walter Wisnicky, Madi-son.	
Wyo.....	8,409	19	23	100	17,588	4	19,041	W. A. Sullivan..	H. D. Port, Cheyenne.	
Hawaii..	3,015	13					237	Lewis Bilikam..	L. E. Case, Honolulu.	
P. R.....	10,053	112	1	2	140	0	2,063	W. McPherson..	R. Menendez Ramos, San Juan.	
Total..	2,028,811	13,623	2,840	93	5,907,440	252,532	6,397,677			

¹ Not including part of 2 counties.² Not including 85 towns.

SUMMARY OF BANG'S DISEASE WORK IN COOPERATION WITH STATES, DECEMBER 1935¹

State	Agglutination blood tests completed during month		Results of agglutination blood test during month					Herds under supervision	Cattle on waiting list
	Herds	Cattle	Herds containing infection	Total cattle in herds	Reactors	Negative			
						Herds	Cattle		
Alabama.....	227	15,982	179	15,039	1,767	48	943	602	3,496
Arizona.....	92	1,614	18	562	57	74	1,052	259	2,500
Arkansas.....	741	8,483	107	4,159	540	634	4,324	8,818	9,000
California.....	11	555	2	246	27	9	309	30	82
Colorado.....	34	1,112	18	786	93	16	326	78	2,506
Connecticut.....	38	1,261	25	879	113	13	382	161	78
Delaware.....	42	698	9	214	64	33	484	303	-----
Florida.....	469	11,579	120	7,303	591	349	4,276	1,662	-----
Georgia.....	166	6,621	93	4,758	473	73	1,863	966	-----
Idaho.....	913	12,958	255	5,564	891	658	7,394	7,609	-----
Illinois.....	876	13,374	329	5,917	1,023	547	7,457	6,212	6,900
Indiana.....	1,028	13,458	356	6,189	1,006	672	7,269	10,073	5,763
Iowa.....	847	15,651	524	11,552	2,676	323	4,099	8,644	68,327
Kansas.....	184	8,237	129	7,226	1,430	55	1,011	798	17,266
Kentucky.....	2,035	18,317	293	4,917	825	1,742	13,400	13,716	-----
Louisiana.....	399	11,494	175	8,624	1,400	224	2,870	379	4,000
Maine.....	145	2,704	63	1,597	243	82	1,107	1,765	1,689
Maryland.....	255	3,949	79	1,575	225	176	2,374	1,307	394
Massachusetts.....	9	251	6	160	19	3	91	84	249
Michigan.....	1,451	17,614	198	3,359	622	1,253	14,255	10,210	8,451
Minnesota.....	3,930	63,354	1,492	30,313	4,683	2,438	33,041	32,877	5,000
Mississippi.....	241	6,205	76	3,303	372	165	2,902	1,755	-----
Missouri.....	2,679	36,085	911	16,047	3,144	1,768	20,038	16,716	57,000
Montana.....	288	6,959	53	3,362	343	235	3,597	2,289	6,883
Nebraska.....	177	5,215	71	3,668	485	106	1,547	584	8,697
Nevada.....	40	731	14	419	20	26	312	678	370
New Hampshire.....	139	2,296	63	1,482	258	76	814	618	2,816
New Jersey.....	27	2,649	18	2,367	75	9	282	154	257
New Mexico.....	179	9,272	39	3,896	163	140	5,376	1,602	9,000
New York.....	503	14,058	268	9,671	751	235	4,387	1,302	8,104
North Carolina.....	273	7,272	87	2,664	183	186	4,608	2,239	660
North Dakota.....	552	9,272	123	2,697	570	429	6,575	4,252	-----
Ohio.....	1,074	13,364	275	4,423	1,019	799	8,941	20,724	9,801
Oklahoma.....	1,590	32,310	915	25,364	3,789	675	6,946	14,067	105,652
Oregon.....	2,328	29,615	416	11,341	1,738	1,912	18,274	32,628	-----
Pennsylvania.....	886	16,722	243	5,932	911	643	10,790	12,565	17,775
Rhode Island.....								15	19
South Carolina.....	172	4,193	36	1,589	148	136	2,604	1,137	5,000
South Dakota.....	16	1,068	14	1,001	236	2	67	78	8,235
Tennessee.....	584	11,766	436	10,435	1,239	148	1,331	2,620	2,567
Texas.....	244	10,408	121	7,283	832	123	3,125	2,629	75,000
Utah.....	514	6,064	128	3,266	364	386	2,798	4,334	26,640
Vermont.....	63	1,969	23	880	111	40	1,089	266	223
Virginia.....	4,835	24,015	290	4,359	530	4,545	19,656	26,010	50,000
Washington.....	1,313	15,017	389	7,638	1,359	924	7,379	15,773	-----
West Virginia.....	925	6,908	68	958	144	857	5,950	11,881	4,700
Wisconsin.....	5,326	92,916	1,176	26,105	4,432	4,150	66,811	33,511	68,560
Wyoming.....	109	3,821	44	2,431	308	65	1,390	185	-----
Total.....	38,969	599,436	10,767	283,520	42,292	28,202	315,916	317,165	603,660

¹ Officials in charge of Bang's disease work are the same as those listed in summary of tuberculosis-eradication work.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSES, DECEMBER 1935

Anti-hog-cholera serum

Period	Hyperim- mune blood cleared	Serum completed	Serum pasteurized	Serum released	Serum destroyed
	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>
December 1935.....	59,185,172	44,109,985	38,499,418	29,071,915	211,411
December 1934.....	47,551,764	40,238,234	37,986,457	88,992,075	206,523
12 months ended—					
December 1935.....	488,843,637	404,841,506	373,714,884	669,816,695	1,920,267
December 1934.....	873,952,495	700,385,842	630,241,849	536,085,125	3,602,274

Hog-cholera virus

Period	Produced			Destroyed	
	Simulta- neous	Hyperim- munizing	Inoculating	Simulta- neous	Hyperim- munizing
	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>	<i>Cc</i>
December 1935.....	2,382,059	9,925,939	45,708	152,615	356,955
December 1934.....	1,252,987	8,338,872	28,076	125,847	287,428
12 months ended—					
December 1935.....	46,377,318	77,273,393	398,948	2,214,512	3,108,283
December 1934.....	40,584,628	133,414,591	550,206	1,966,176	3,468,714

Other biologics produced

Period	Aggressins	Antitoxins	Serums	Bacterins	Vaccines, toxoids, etc.	Diagnostics
	<i>Doses</i>	<i>Units</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>	<i>Doses</i>
December 1935.....	613,409	23,130,000	125,970	2,595,691	920,971	141,466
December 1934.....	368,370	65,411,500	79,522	1,648,600	439,567	311,172
12 months ended—						
December 1935.....	7,541,991	544,293,000	1,804,090	26,329,525	23,430,064	1,539,112
December 1934.....	8,974,006	490,055,000	1,374,538	19,891,054	16,504,492	2,948,712

INSPECTIONS AND TESTS IN THE PREPARATION OF BIOLOGICAL PRODUCTS UNDER LICENSES, DECEMBER 1935

Period	Animal inspections	Animal rejections	Pigs in- oculated	Hogs hy- pered	Tests supervised	
					Serum	Virus
December 1935.....	129,909	1,132	10,739	7,660	140	109
December 1934.....	109,924	769	8,551	6,774	126	90
12 months ended—						
December 1935.....	1,215,209	11,292	111,894	61,643	1,736	1,818
December 1934.....	2,014,644	14,277	163,774	107,033	3,028	1,691

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS, DECEMBER 1935

License no. 9 was issued December 30, 1935, to Lederle Laboratories, Inc., Middletown Road, Pearl River, N. Y., for: Abortion vaccine (bovine); anthrax spore vaccine; antianthrax serum; antiblackleg serum; anti-canine-distemper serum; anti-canine mixed-infection serum; anti-equine-encephalomyelitis serum; anti-hemorrhagic-septicemia serum; anti-hog-cholera serum; anti-influenza serum (equine); antimastitis serum (bovine); anti-swine-erysipelas serum; anti-white-scours serum (bovine); autogenous vaccine (killed organisms); avian tuberculin; blackleg aggressin; blackleg filtrate; blackleg tissue vaccine; blackleg vaccine (killed organisms); botulinus antitoxin (polyvalent); canine-distemper vaccine; canine-distemper virus; equine-encephalomyelitis vaccine; equine-influenza mixed vaccine (killed organisms); feline mixed vaccine (killed organisms); fowl-pox vaccine; hemorrhagic-septicemia aggressin; hemorrhagic-septicemia vaccine (killed organisms); hemorrhagic-septicemia vaccine (avian) (killed organisms); hemorrhagic-septicemia combined vaccine (bovine) (killed organisms); hemorrhagic-septicemia combined vaccine (ovine) (killed organisms); hemorrhagic-septicemia combined vaccine (porcine) (killed organisms); hog-cholera virus; infectious-laryngotracheitis vaccine; mallein; mastitis mixed vaccine (bovine) (killed organisms); mixed bacterin (fowl); mixed bacterial vaccine (bovine) (killed organisms); mixed bacterial vaccine (canine) (killed organisms); mixed bacterial vaccine (equine) (killed organisms); mixed bacterial vaccine (porcine) (killed organisms); normal horse serum; rabies vaccine; staphylococcus combined vaccine (equine) (killed organisms); staphylococcus toxoid; streptococcus combined vaccine (equine) (killed organisms); swine erysipelas vaccine (cultivos del mal rojo) (for export only); tetanus antitoxin; tetanus toxoid; tuberculin; white-scours vaccine mixed (bovine) (killed organisms).

License no. 117-A was issued December 26, 1935, to The O. M. Franklin Blackleg Serum Co., Second and Monroe Streets, North, Amarillo, Tex., for: Equine-hemorrhagic-septicemia bacterin.

License no. 202 was issued December 20, 1935, to Colorado Springs Vaccine Laboratories, Inc., one-half mile north on Denver-Colorado Springs Highway, Colorado Springs, Colo., for: Navel-ill mixed bacterin (equine).

PERMITS ISSUED FOR BIOLOGICAL PRODUCTS, DECEMBER 1935

Permit no. 6 was issued December 26, 1935, to A. Charklian, 516 Fifth Avenue, New York, N. Y., for the importation during 1936 of: Anthrax vaccine, manufactured by Laboratoire des Vaccins Pasteur Pour l'Etranger 83, Rue Dutot, Paris, France.

Permit no. 9 was issued December 7, 1935, to Burroughs Wellcome & Co., (U. S. A.), Inc., 9 and 11 East Forty-first Street, New York, N. Y., for the importation during 1936 of: Anti-leptospira serum (canine); canine-antidistemper serum; canine-distemper tissue vaccine; lamb dysentery antitoxin; lamb dysentery bacterin; leptospira bacterin (canine), manufactured by The Wellcome Physiological Research Laboratories, Beckenham, Kent, England.

LICENSES TERMINATED, DECEMBER 1935

License no. 2, issued June 23, 1925, to The Eagle Laboratories, 310 Central Avenue, Kansas City, Kans., was terminated December 16, 1935, because of the discontinuance of production.

Licenses no. 9, issued April 7, 1933, June 7, 1933, July 21, 1933, March 10, 1934, April 25, 1934, November 9, 1934, and June 19, 1935, to Lederle Laboratories, Inc., Middletown Road, Pearl River, N. Y., were terminated December 30, 1935, because of the discontinuance of production of mixed bacterial vaccine (avian) (killed organisms).

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

Meat-Inspection Law

For offering unsound meat for interstate shipment:

Max Dubin, Providence, R. I., \$100 fine.

Floyd Ruprecht, Fernwood, N. Y., \$25 fine.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

Docket no. 475.—In re Drumm Commission Co., Kansas City, Mo. The Secretary of Agriculture on October 14, 1935, issued an inquiry alleging that respondent had violated the Packers and Stockyards Act in that it had engaged in certain unfair and deceptive practices and devices in connection with the handling of livestock in commerce. A hearing was held on October 24 and 25. The complainants and respondent were given until November 30 to file briefs. On January 4, 1936, respondent was ordered to cease and desist from engaging in and using unfair and deceptive practices and devices in connection with the handling of livestock in commerce and to pay reparation, with interest at 6 percent from May 24, 1935, until paid, to the complainants who were damaged as follows: Jarboe Live Stock Commission Co., \$192.27; Parsons Live Stock Commission Co., \$293.33; Maxson Live Stock Commission Co., \$99.97; The National Live Stock Commission Co., \$97.42.

Docket no. 514.—In re Barton-Thebo, Inc., Seattle, Wash. The Acting Secretary of Agriculture on November 29, 1935, issued an inquiry alleging that respondent had violated the Packers and Stockyards Act in that it had engaged in certain unfair practices in connection with the handling of livestock in commerce. On December 6 respondent filed an informal answer to the allegations explaining the transactions set out therein and on December 27 admitted the truth of the things alleged and waived a hearing thereon. On January 14, 1936, respondent was ordered to cease and desist from engaging in and using the unfair practice of paying drafts drawn on it out of a shippers' proceeds account when the persons drawing such drafts have no interest in said account; also to cease and desist from charging, demanding, or collecting a greater or less or different compensation for its services as a market agency than the rates and charges specified in its tariff filed and in effect, and from refunding or remitting in any manner any portion of the rates and charges so specified.

Docket no. 515.—In re Standard Livestock Commission Co., Chicago, Ill. The Acting Secretary of Agriculture on December 4, 1935, issued an inquiry alleging the respondent had violated the Packers and Stockyards Act in that it had failed to execute and maintain an adequate bond to secure the performance of its obligations incurred as a market agency. On December 10, 1935, respondent admitted the truth of the matters and things alleged and waived a hearing thereon, and on January 2, 1936, furnished a satisfactory bond. On January 15, 1936, respondent was ordered to cease and desist from doing business as a market agency without executing and maintaining a reasonable bond to suitable trustees or furnishing some other form of satisfactory indemnity to secure the performance of its obligations.

Poultry Markets Designated

Orders have been issued recently by the Acting Secretary of Agriculture designating the following markets as subject to Federal supervision under the Packers and Stockyards Act as amended August 14, 1935: Boston, Mass.; Camden, N. J.; Chicago, Ill.; and Philadelphia, Pa. The Camden and Philadelphia orders will be effective February 19, 1936, the Boston order February 26, 1936, and the Chicago order March 4, 1936. This action is the outcome of recent hearings, of investigations by the Department, and of other evidence showing the need for and desirability of Federal supervision over live-poultry marketing in these cities. The order for Boston also applies to East Boston, Charlestown, Dorchester, and other points in the city limits and to the following points outside of the city limits but in Massachusetts: Chelsea, Cambridge, Canton, Lynn, Malden, Revere, Somerville, and Brockton. The Philadelphia order applies to the following markets in the city limits: South Front Street, between Spruce and Pine Streets, and the vicinity thereof; Baltimore & Ohio Railroad pier no. 62; 1900 South Delaware Avenue.

Stockyards Posted

The following stockyards have been posted as coming within the jurisdiction of the Packers and Stockyards Act:

St. Johns Stockyards, St. Johns, Mich., on January 8, 1936.

Chillicothe Live Stock Sales Co., Chillicothe, Ohio, on January 10, 1936.

Selma Stock Yards, Selma, Ala., on January 14, 1936.

Beverly Sales Co., Salina, Kans., on January 21, 1936.

PERMITTED ARSENICAL CATTLE DIPS

List of arsenical cattle dips permitted for use in the official dipping of cattle for fever ticks (revised to Jan. 22, 1936)

Trade names	Manufacturers
Atlas Cattle Dip Improved.....	Chipman Chemical Co., Inc., 95 Liberty St., New York, N. Y.
Cooper's Cattle Dip.....	Wm. Cooper & Nephews, Cooper Bldg., Chicago, Ill.
Crearsen.....	Thompson Hayward Chemical Co., 29th and Southwest Blvd., Kansas City, Mo.
Crystal Arsenical Cattle Dip.....	Crystal Soap & Chemical Co., Inc., State Road and Robbins Ave., Tacony, Philadelphia, Pa.
Glidden Tik Dip.....	The Glidden Co., Cleveland, Ohio.
Hex Arsenical Dip.....	American Tar Products Co., Providence, R. I.
Jen-Sal Arsenical Dip.....	Jensen-Salsbery Laboratories, Inc., 21st and Penn Sts., Kansas City, Mo.
Kiltik D.....	The Sherwin Williams Co., Cleveland, Ohio.
Key Dip.....	Interstate Chemical Manufacturing Co., Carbon Pl. and West-side Ave., Jersey City, N. J.
Lariat Arsenical Dip.....	General Chemical Co., 40 Rector St., New York, N. Y.
Ole General Nix-Tix.....	General Industries, Inc., 1123 West Adams St., Jacksonville, Fla.
Probovis.....	Lehn & Fink, Bloomfield, N. J.
Rogers Tick Dip.....	Detroit White Lead Works, Detroit, Mich.
Rogers Tick Dip "D".....	Do.
Selig's Arsenical Cattle Dip.....	The Selig Co., 336 Marietta St., Atlanta, Ga.
Supertest Cattle Dip.....	Consolidated Drug Corporation, 227 South Peters St., New Orleans, La.
Tic Tox.....	Baird & McGuire, Inc., Holbrook, Mass.
"Tick-Off" Cattle Dip.....	Chemical Compound Co., 2919 Rusk Ave., Houston, Tex.
U. S. Tick Dip.....	U. S. Sanitary Specialties Corporation, 425 South Western Ave., Chicago, Ill.

Distributors of Arsenical dips

Distributed under name of—	Dip distributed	Distributors
Burch's Tikdip.....	Cooper's Cattle Dip.....	F. S. Burch & Co., 1909 Clifton Ave., Chicago, Ill.
Cenol Cattle Dip.....	do.....	Cenol Co., Inc., Chicago, Ill.
Hex Arsenical Dip.....	Hex Arsenical Dip.....	Koppers Products Co., Providence, R. I.
Hockwald's Tik-Tok Arsenical Dip.....	Tic Tox.....	Hockwald Chemical Co., San Francisco, Calif.
Martin-Senour Dip.....	Kiltik D.....	The Martin-Senour Co., Chicago, Ill.
"Tik-Off" Cattle Dip.....	"Tik-Off" Cattle Dip.....	H. B. Pollard, 320 West Gray Ave., Houston, Tex.

PERMITTED DISINFECTANTS

(List revised to Jan. 21, 1936)

The Bureau has granted permission for the use of the following saponified cresol solutions in official disinfection, as required by B. A. I. Order 309:

- Acresel, The Selig Co., Atlanta, Ga.
- Adco Cresolis, American Disinfecting Co., Inc., Sedalia, Mo.
- Allied Saponified Cresol Solution, Allied Laboratories, Inc., Sioux City, Iowa.
- Anchor Brand Saponified Cresol Solution, The Antiseptic Products Co., Denver, Colo.
- Baird's Solution Cresol Compound, U. S. P., Baird & McGuire, Inc., Holbrook, Mass.
- Barker's Saponified Cresol Solution, Barker, Moore & Mein Co., Philadelphia, Pa.
- Binco Crestall Compound, E. H. Bindley & Co., Terre Haute, Ind.
- Booth's Cresylic Compound, J. M. Booth & Co., El Paso, Tex.
- Bourbon Saponified Cresol Compound, Bourbon Remedy Co., Lexington, Ky.
- Brunswig Drug Company's Solution Cresol Compound, U. S. P., Brunswig Drug Co., Los Angeles, Calif.
- Busol, Buffalo Scientific Co., Buffalo, N. Y.
- Cabell's Hatchers Disinfectant, The Cabell Chemical Co., Huntington, W. Va.
- Carbola Liquid Disinfectant, Carbola Chemical Co., Inc., Natural Bridge, N. Y.
- Cardis, The P. M. Frank Disinfecting Co., New York, N. Y.
- Cenol Saponified Cresol Solution, Cenol Co., Inc., Chicago, Ill.

- C-4 Soluble Disinfectant, Coopers Creek Chemical Co., West Conshohocken, Pa.
Chemo Cattle Disinfectant, Chemo Co., Buffalo, N. Y.
Clarisol, International Chemical Co., Chicago, Ill.
Clearsol, Hygiene Products, Ltd., W. Montreal, Canada.
Columbia Cresol Fluid, F. C. Sturtevant Co., Hartford, Conn.
Composol, Purity Chemical Products Co., Santa Rosa, Calif.
Consolidated Cresolis, Consolidated Laboratories, St. Louis, Mo.
Cooper's Saponified Cresol Solution, Wm. Cooper & Nephews, Chicago, Ill.
Corn States 50% Cresol Solution, The Corn States Serum Co., Omaha, Nebr.
Creal-O 50% Cresol Solution, Louisville Chemical Co., Louisville, Ky.
Creco Special, Creco Co., Inc., Long Island City, N. Y.
Creo-Cresolis, L. A. Mosher, Inc., Atlanta, Ga.
Cre-O-Cris, Rochester Germicide Co., Rochester, N. Y.
Cre-O-Haag Solution, The Haag Laboratories, Inc., Chicago, Ill.
Creo-Lic Disinfectant, Hockwald Chemical Co., San Francisco, Calif.
Creoxil, The Paine Drug Co., Rochester, N. Y.
Crescent 50% Cresylic Compound, Crescent Oil Co., Indianapolis, Ind.
Cre-Septic, Theo. B. Robertson Products Co., Inc., Chicago, Ill.
Cresnol Cresol Compound, Fort Pitt Chemical Co., Pittsburgh, Pa.
Cresoapol, American Veterinary Laboratories, Kansas City, Mo.
Cresol Compound Clifton, Clifton Chemical Co., New York, N. Y.
Cresolave, The Chemical Supply Co., Cleveland, Ohio.
Cresolutol, Michel & Pelton Co., Emeryville, Calif.
Creso-Penn, Rockland Chemical Co., Inc., Newark, N. J.
Crestall Fluid, Baird & McGuire, Inc., St. Louis, Mo.
Cres-Tone, W. D. Carpenter Co., Inc., Syracuse, N. Y.
Cresylene Cresol Compound, The Hunt Manufacturing Co., Cleveland, Ohio.
Cresylol, Norden Laboratories, Lincoln, Nebr.
Cresynol, The Wollen Chemical & Supply Co., Paterson, N. J.
Cre-U-San Saponified Cresol Solution, U. S. Sanitary Specialties Corporation, Chicago, Ill.
Crystal Saponified Cresol Solution, Crystal Soap & Chemical Co., Inc., Philadelphia, Pa.
Curts-Folse Cresylic Compound Solution, Curts-Folse Laboratories, Kansas City, Kans.
Deodol, The Norwich Pharmacal Co., Norwich, N. Y.
Diamond H Cresol Fluid, James Huggins & Son, Malden, Mass.
Dinsol, Meyer Brothers Drug Co., St. Louis, Mo.
Dioxy Cresol Compound, Preston T. Rhodes, Philadelphia, Pa.
Dixsoline, Dixie Chemical Co., Inc., New Orleans, La.
Dolge Saponified Cresol, C. B. Dolge, Westport, Conn.
Dr. Hess Saponified Cresol Solution, Dr. Hess & Clark, Inc., Ashland, Ohio.
Dr. LeGear's Cresol Disinfectant, Dr. L. D. LeGear Medicine Co., St. Louis, Mo.
Eastern States Cresylic Disinfectant, Eastern States Farmers Exchange, Springfield, Mass.
Economy Disinfectant, Economy Hog & Cattle Powder Co., Shenandoah, Iowa.
Elkay's Cresylic Agricultural Disinfectant, United Drug Co., Boston, Mass.
Farmasol, Lehn & Fink, Inc., Bloomfield, N. J.
Fecticide, Parke, Davis & Co., Detroit, Mich.
Fidelity Stock Disinfectant, Fidelity Laboratories, Inc., Chicago, Ill.
Fort Dodge Saponified Cresol, Fort Dodge Serum Co., Fort Dodge, Iowa.
Foster's Cresylic Compound 50% Solution, Bleecker-Foster, Inc., St. Paul, Minn.
Franklin Crestall Fluid, O. M. Franklin Blackleg Serum Co., Denver, Colo.
Fulcres Compound, Fuld Bros., Inc., Baltimore, Md.
Fuller's 50% Cresol Solution, Fuller Biological Laboratory, Springville, N. Y.
Germalene Cresol Compound, Germalene Chemical Co., Houston, Tex.
Germi-Sol, Dr. David Roberts Veterinary Co., Inc., Waukesha, Wis.
Germo-Cresolis, Germo Manufacturing Co., St. Louis, Mo.
Germ-O-Sol, American Lanolin Corporation, Lawrence, Mass.
Ghost Brand Disinfectant, Albright Laboratories, Jefferson City, Tenn.
Glidden Shur-Shot Disinfectant, The Glidden Co., Cleveland, Ohio.
Globe 50% Cresol Solution, Globe Laboratories, Fort Worth, Tex.
Glover's Disinfectant, H. Clay Glover Co., Inc., New York, N. Y.
Hexsolis, The White Tar Co. of New Jersey, Inc., Kearny, N. J.

- Hy-Cresol, H. V. Smith & Co., St. Paul, Minn.
Jen-Sal 50% Cresol, The Jensen-Salsbery Laboratories, Kansas City, Mo.
Jordan's Saponified Cresylic Solution, W. H. & F. Jordan, Jr., Manufacturing Co., Philadelphia, Pa.
KaDeCo Cresylic Acid Solution 50%, Kiefer-Stewart Co., Indianapolis, Ind.
Karspray, West Disinfecting Co., Long Island City, N. Y.
Kem-Pro Cresol Fluid, Chemical Products, Inc., Shelton, Conn.
Key-State Disinfectant, Interstate Chemical Manufacturing Co., Jersey City, N. J.
Keystone Brand Saponified Cresol Solution, James Good, Inc., Philadelphia, Pa.
Kleenwell Saponified Cresylic Acid Solution, Chicago Sanitary Products Co., Chicago, Ill.
Koppers Disinfectant No. 5 Water-Soluble, Koppers Products Co., Pittsburgh, Pa.
Kre-Lik, J. F. Devine Laboratories, Inc., Goshen, N. Y.
Kremulso, Thompson-Hayward Chemical Co., Kansas City, Mo.
Kre-Sol, Connecticut Chemical & Disinfectant Co., New Haven, Conn.
Kresolig, Z. D. Gilman, Washington, D. C.
Kresylinol, Shores Co., Inc., Cedar Rapids, Iowa.
Lacco Cresol Compound, Los Angeles Chemical Co., Inc., Los Angeles, Calif.
Lee's 50% Cresol Solution, Geo. H. Lee Co., Omaha, Nebr.
Lilly's Cresol Compound, U. S. P., Eli Lilly & Co., Indianapolis, Ind.
Martin-Senour 50% Cresol Solution, The Martin-Senour Co., Chicago, Ill.
Massachusetts Farm Bureau Stable Disinfectant, Massachusetts Farm Bureau, Waltham, Mass.
Microsol, M. Vonsen Co., Inc., Petaluma, Calif.
Midland Saponified Cresol Solution, Midland Chemical Laboratories, Inc., Dubuque, Iowa.
MI-53 Solution Cresol Compound, U. S. P., United Drug Co., Boston, Mass.
Miller's 50% Cresol Solution, Miller Chemical Co., Omaha, Nebr.
Mirasol Compound, Mirex Chemical Products Corporation, St. Louis, Mo.
Myco Disinfecto, Masury Young Co., Boston, Mass.
Nedcostall Fluid, New England Disinfectant Co., Willimantic, Conn.
Nsco Cresol Compound, National Supply Co., Birmingham, Ala.
Ole General Cresoline, Chemical & Equipment Co., Inc., Jacksonville, Fla.
Pennsylvania Railroad Saponified Cresol Solution, Pennsylvania Railroad Co., Altoona, Pa.
Phin-O-Tas Cresylic Compound, Phinotas Chemical Co., Inc., New York, N. Y.
Picco 50% Cresol Compound, Pennsylvania Industrial Chemical Corporation, Clairton, Pa.
Poltrifect, Poultry Producers of Central California, San Francisco, Calif.
Purina Cre-So-Fec, Ralston Purina Co., St. Louis, Mo.
Purisol, Puritan Chemical Co., Atlanta, Ga.
Rawleigh's Kreo, The W. T. Rawleigh Co., Freeport, Ill.
Reilly Cresolis Compound, Republic Creosoting Co., Indianapolis, Ind.
Rogers 50% Cresol Solution, Detroit White Lead Works, Detroit, Mich.
Rooks' Saponified Cresol Solution, C. G. Rooks, Sidney, N. Y.
Sanisol, McLaughlin Gormley King Co., Minneapolis, Minn.
San-I-Sol, E. M. Peet Manufacturing Co., Council Bluffs, Iowa.
Sapo Cresol Special, Louis C. Traband & Co., East St. Louis, Ill.
Sherwin-Williams 50% Cresol Solution, The Sherwin-Williams Co., Chicago, Ill.
Socony So-Cre-Sil Disinfectant, Socony-Vacuum Oil Co., Inc., New York, N. Y.
Solukress, Kremers-Urban Co., Milwaukee, Wis.
Stanco Solution of Cresol Compound, Standard Drug Co., Meridian, Miss.
Standard 50% Cresolution, Standard Chemical Manufacturing Co., Omaha, Nebr.
Super-Germite, Standard Oil Co., of California, San Francisco, Calif.
Supersan Cresylic Compound, Chemical Compounding Corporation, Brooklyn, N. Y.
Tekresol, Whitmoyer Laboratories, Inc., Myerstown, Pa.
Tri-Krecide, Pitman Moore Co., Indianapolis, Ind.
Turco Bacillex, Turco Products, Inc., Los Angeles, Calif.
U-C Cresolis, United Chemical Co., Inc., Kansas City, Mo.
Universal Cresolum, Universal Laboratories, St. Louis, Mo.
Vestal Disinfecting Fluid, Vestal Chemical Laboratories, Inc., St. Louis, Mo.
Watkins 50% Cresol Solution, The J. R. Watkins Co., Winona, Minn.
Whitmer's 50% Cresol Solution, The H. C. Whitmer Co., Inc., Columbus, Ind.

Worrell's Crespolin, The Worrell Manufacturing Co., St. Louis, Mo.
Zelco Disinfectant, The Sanitary Products Corporation, New York, N. Y.

For Disinfection of Premises in Tuberculosis Eradication

The Bureau has granted permission for the use of the following brands of sodium orthophenylphenate for the official disinfection of premises after the removal of animals affected with tuberculosis:

Dow B. T. B. Disinfectant, The Dow Chemical Co., Midland, Mich.
Wheaton's Safety Disinfectant, Safety Solvents Co., Lansing, Mich.

PERMITTED DIP FOR SCABIES

The Bureau has granted permission, under the provisions of B. A. I. Order 309, for the use in the official dipping of cattle and sheep against scabies, of Rex Lime and Sulphur Solution, manufactured by the Thompson-Hayward Chemical Co., Kansas City, Mo. Each gallon of the product shall be diluted with water not in excess of 15 gallons for dipping cattle and with 20¼ gallons for dipping sheep.

Permission for the use of Rex Lime and Sulphur Solution as manufactured by the Rex Co., Omaha, Nebr., has been withdrawn.

This notice supersedes the one on page 168 of Service and Regulatory Announcements for November 1935, under the heading "Permitted Disinfectant."

HYDATID MATERIAL DESIRED

There is a demand for hydatids from which to prepare antigen for diagnostic purposes. If any inspector in charge is in a position to supply such material by virtue of its reasonably common occurrence at his station, he is requested to notify Dr. M. C. Hall, chief of the Zoological Division, to that effect.

DR. A. J. PISTOR DIES

Dr. Adolph J. Pistor, chief of the Meat Inspection Division, died in Washington, D. C., January 25 of pulmonary embolism following an operation. He had been ill only a few weeks.

Dr. Pistor was born July 7, 1876, in Newark, N. J. He attended private and high schools at Newark and the American Veterinary College at New York City, receiving the degree of doctor of veterinary surgery. He continued his veterinary studies at Dresden University in Germany.

After a short private practice, Dr. Pistor entered the service of the Bureau of Animal Industry in 1898 at Chicago and in 1900 was assigned to sheep-inspection work in Nebraska, Wyoming, Idaho, and Utah. He was a pioneer in organizing the veterinary campaign against sheep scabies on the western ranges.

With the passage of the Federal meat-inspection law of 1906, Dr. Pistor was called upon to take part in organizing that service. Later he was transferred to administrative duties in Washington, D. C., where subsequently he became assistant chief and on January 1, 1935, chief of the Meat Inspection Division. Dr. Pistor was recognized as an authority on meat inspection in its sanitary and practical applications, as well as from the standpoint of animal pathology and protection of public health.

NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Circular 378. A Practical Laboratory Method of Making Thin Cross Sections of Fibers. By J. I. Hardy, Animal Husbandry Division. Pp. 11, figs. 16.

Technical Bulletin 497. Utilization and Cost of Power on Mississippi and Arkansas Delta Plantations. By L. A. Reynoldson, Bureau of Agricultural Economics; W. R. Humphries, Bureau of Agricultural Engineering; S. R. Speelman and E. W. McComas, Bureau of Animal Industry; and W. H. Youngman, Bureau of Agricultural Economics. Pp. 47, figs. 9.

Farmers' Bulletin 578 (revised). The Making and Feeding of Silage. By T. E. Woodward, Bureau of Dairy Industry; W. H. Black, D. A. Spencer, and J. O. Williams, Bureau of Animal Industry. Pp. 30, figs. 11.

Farmers' Bulletin 1134 (revised). Castrating and Docking Lambs. By D. A. Spencer, Animal Husbandry Division, Bureau of Animal Industry; and E. W. Baker, Bureau of Agricultural Economics. Pp. 12, figs. 9.

Farmers' Bulletin 1490 (slightly revised). Hog-Lot Equipment. By E. Z. Russell and S. S. Buckley (deceased), Animal Husbandry Division. Pp. 22, figs. 26.

Amendment 6 to B. A. I. Order 354. Declaring Names of Counties Placed in Modified Accredited Areas for Tuberculosis. Effective Jan. 2, 1936. Pp. 2, mimeographed.

Map showing quarantine for tick fever of cattle. Effective December 1, 1935. Size, 12 by 24 inches. (Two colors.)

Extension Animal Husbandman, December 1935. Serial no. 40. Pp. 27, mimeographed.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

Chief: JOHN R. MOHLER.

Assistant Chief: A. W. MILLER.

Business Manager: J. R. COHRAN.

Assistant Business Manager: N. A. OLMSTEAD.

Assistant to Chief: D. S. BURCH.

Animal Husbandry Division: H. C. MCPHEE, chief.

Biochemic Division: ROBERT M. CHAPIN, chief.

Division of Tick Eradication and Special Diseases: W. M. MACKELLAR, chief.

Division of Virus-Serum Control: D. I. SKIDMORE, chief.

Field Inspection Division: G. W. POIRÉ, chief.

Meat Inspection Division: A. J. PISTOR, chief.

Packers and Stockyards Division: A. W. MILLER, chief.

Pathological Division: HARRY W. SCHOENING, chief.

Tuberculosis Eradication Division: A. E. WIGHT, chief.

Zoological Division: MAURICE C. HALL, chief.

Animal Disease Station: W. E. COTTON, superintendent.

Budget and Fiscal Section: HARRY E. MORAN, in charge.

Personnel: GEORGE R. BROWN, in charge.









